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U.S. National Phase Entry of PCT/EP00/09882
"Interface Module for a Local Data Network"
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PRELIMINARY AMENDMENT

Fe+Mn: $b = 3 - 10$ at%,

Mn/Fe: $c = 0 - 1$, preferably $c < 0.5$,

Ni: $d = 0 - 30$ at%, preferably $d < 20$ at%,

M: $e = 0 - 5$ at%, preferably $e < 3$ at%,

Si: $x = 0 - 18$ at%, preferably $x > 1$ at%,

B: $y = 8 - 26$ at%, preferably $8 - 20$ at%,

C: $z = 0 - 3$ at%,

$15 < e+x+y+z < 30$, preferably $20 < e+x+y+z < 30$.

In the Claims

1. (Amended) An interface module for local data networks having an inductive component used as a transformer for coupling interface circuits to a data line used to connect computers, with the inductive component having a magnetic core and multiple windings applied to the core, wherein the inductive component used as a transformer has a magnetic core made of an amorphous or nanocrystalline alloy with a permeability $\mu > 15,000$ and the number of turns of the windings is between 5 and 25.
2. (Amended) The interface module according to claim 1, wherein the amorphous or nanocrystalline alloy has a permeability $\mu > 30,000$.